

1P 2681

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the below date:

Date: September 16, 2005 Name: Tadashi Horie Reg. No. 40,437 Signature: *Tadashi Horie*

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Masahiro SAWADA
Masami YABUSAKI

Appln. No.: 10/082,797

Filed: February 25, 2002

For: METHOD AND SYSTEM FOR LOCATION
MANAGEMENT AND LOCATION
INFORMATION PROVIDING SYSTEM

Examiner: DESIR, Pierre Louis

Art Unit: 2681

Attorney Docket No: 9683/106

Mail Stop Amendment
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL

Sir:

Attached is/are:

- ☒ Fifth Supplemental Information Disclosure Statement, Form PTO-1449, 8 Cited References (F14-21), Check for \$180
- ☒ Return Receipt Postcard

Fee calculation:

- ☐ No additional fee is required.
- ☐ Small Entity.
- ☐ An extension fee in an amount of \$_____ for a _____-month extension of time under 37 C.F.R. § 1.136(a).
- ☒ A petition or processing fee in an amount of \$180 under 37 C.F.R. § 1.17(p).
- ☐ An additional filing fee has been calculated as shown below:

					Small Entity			Not a Small Entity	
	Claims Remaining After Amendment		Highest No. Previously Paid For	Present Extra	Rate	Add'l Fee	or	Rate	Add'l Fee
Total		Minus			x \$25=			x \$50=	
Indep.		Minus			x 100=			x \$200=	
First Presentation of Multiple Dep. Claim					+\$180=			+\$360=	
					Total	\$		Total	\$

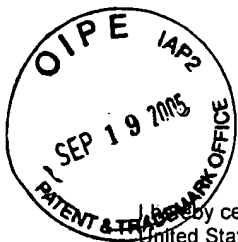
Fee payment:

- ☒ A check in the amount of \$180 is enclosed.
- ☐ Please charge Deposit Account No. 23-1925 in the amount of \$_____. A copy of this Transmittal is enclosed for this purpose.
- ☐ Payment by credit card in the amount of \$_____ (Form PTO-2038 is attached).
- ☒ The Director is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this paper (including any extension fee required to ensure that this paper is timely filed), or to credit any overpayment, to Deposit Account No. 23-1925.

Respectfully submitted,

Tadashi Horie
Tadashi Horie (Reg. No. 40,437)

September 16, 2005
Date



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Date of Deposit

Tadashi Horie Reg. No. 40,437

Name of Applicant, Assignee or
Registered Representative

Signature

September 16, 2005

Date of Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. of: Masahiro SAWADA
Masami YABUSAKI

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For: METHOD AND SYSTEM FOR LOCATION
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FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with the duty of disclosure under 37 C.F.R. §1.56 and §§1.97-1.98, and more particularly in accordance with 37 C.F.R. §1.97(c), Applicants hereby cite the following references:

U.S. DOCUMENT NUMBER Number-Kind Code (if known)	DATE	NAME
2003-0013445 A1	01/16/2003	Fujiwara et al.
2005-0197121 A1	09/08/2005	Fujiwara et al.
5,559,865	09/24/1996	Gilhousen
6,646,999 B1	11/11/2003	Kato et al.
6,466,785 B1	10/15/2002	Chambert et al.
6,330,446 B1	12/11/2001	Mori
6,466,788 B1	10/15/2002	Carlsson
5,898,922	04/27/1999	Reininghaus

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6,097,942	08/01/2000	Laiho
5,828,958	10/27/1998	Ishida et al.
5,815,810	09/29/1998	Gallant et al.
6,556,831 B1	04/29/2003	Büppelmann
5,835,845	11/10/1998	Niki et al.

FOREIGN DOCUMENT NUMBER Number-Kind Code (if known)	DATE	COUNTRY
WO 94/08406	04/14/1994	WIPO
H07-030962	01/31/1995	Japan
AU-A-46850/97	11/06/1998	Australia
H08-140141 A	05/31/1996	Japan
H08-214370 A	08/20/1996	Japan

OTHER ART – NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)
Patent Abstract of Japan for JP11-355835
Gu, D. L. et al., "Hierarchical Routing for Multi-Layer Ad-Hoc Wireless Networks with UAVs" <i>IEEE</i> , 2000, pp 310-314
Pei, G. et al., "A Wireless Hierarchical Routing Protocol with Group Mobility" <i>IEEE</i> , 1999 pp 1538-1542

Applicants are enclosing Form PTO-1449 (one sheet), along with a copy of each listed reference for which a copy is required under 37 C.F.R. §1.98(a)(2). References F1 and F2 are co-pending applications which deal with subject matters related to that of the present application. Both references have been assigned to the assignee of the present application. Reference F2 is a continuation of Reference F1. A notice of allowance has been issued to reference F1, but a patent has not yet issued thereto as of the filing date of this Statement.

Applicants respectfully request the Examiner's consideration of the above references and entry thereof into the record of this application.

By submitting this Statement, Applicants are attempting to fully comply with the duty of candor and good faith mandated by 37 C.F.R. §1.56. As such, this Statement is not intended to constitute an admission that any of the enclosed references, or other

information referred to therein, constitutes "prior art" or is otherwise "material to patentability," as that phrase is defined in 37 C.F.R. §1.56(a).

Applicants have calculated a processing fee in the amount of \$180.00 to be due under 37 C.F.R. §1.17(p) in connection with the filing of this Statement. Applicants have enclosed a check covering this fee, or authorized charging the fee to a deposit account or credit card, as indicated in the Transmittal accompanying this Statement.

Respectfully submitted,

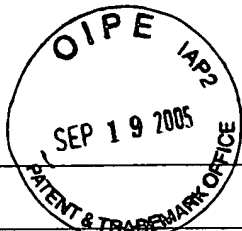
September 16, 2005

Date



Tadashi Horie (Reg. No. 40,437)

BRINKS HOFER GILSON & LIONE
P.O. Box 10395
Chicago, IL 60610
(312) 321-4200



FORM PTO-1449	SERIAL NO. 10/082,797	CASE NO. 9683/106
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	FILING DATE February 25, 2002	GROUP ART UNIT 2681
(use several sheets if necessary)	APPLICANT(S): Masahiro SAWADA et al.	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	F1	2003-0013445 A1	01/16/2003	Fujiwara et al.		
	F2	2005-0197121 A1	09/08/2005	Fujiwara et al.		
	F3	5,559,865	09/24/1996	Gilhousen		
	F4	6,646,999 B1	11/11/2003	Kato et al.		
	F5	6,466,785 B1	10/15/2002	Chambert et al.		
	F6	6,330,446 B1	12/11/2001	Mori		
	F7	6,466,788 B1	10/15/2002	Carlsson		
	F8	5,898,922	04/27/1999	Reininghaus		
	F9	6,097,942	08/01/2000	Laiho		
	F10	5,828,958	10/27/1998	Ishida et al.		
	F11	5,815,810	09/29/1998	Gallant et al.		
	F12	6,556,831 B1	04/29/2003	Büppelmann		
	F13	5,835,845	11/10/1998	Niki et al.		
	F					
	F					

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
	F14	WO 94/08406	04/14/1994	WIPO		
	F15	H07-030962	01/31/1995	Japan		YES
	F16	AU-A-46850/97	11/06/1998	Australia		
	F17	H08-140141 A	05/31/1996	Japan		Abstract
	F18	H08-214370 A	08/20/1996	Japan		US 5,835,845
	F					

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.</small>	
	F19	Patent Abstract of Japan for JP11-355835
	F20	Gu, D. L. et al., "Hierarchical Routing for Multi-Layer Ad-Hoc Wireless Networks with UAVs" <i>IEEE</i> , 2000, pp 310-314
	F21	Pei, G. et al., "A Wireless Hierarchical Routing Protocol with Group Mobility" <i>IEEE</i> , 1999 pp 1538-1542
	F	
	F	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.